Owners & Installation Manual

Masport®

In-built Fireplaces

Ontario / Vancouver

Model: I2101 **Model: I3101**

PLEASE KEEP THESE INSTRUCTIONS FOR FUTURE REFERENCE

Head Office - Australia
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P.O. Box 553
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Ph. (03) 9586-7777
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P.O. Box 14349
Auckland 6.
Ph. (9) 570-9009
Fax. (9) 527-1294

Thank-you for purchasing a
MASPORT FIREPLACE PRODUCT.

The pride of workmanship that goes into each of our products will give you years of trouble-free enjoyment. Should you have any questions about your product that are not covered in this manual, please contact the **MASPORT DEALER** in your area.

Keep those **MASPORT FIRES** burning.

SAFETY NOTE: If this in-built fireplace is not properly installed, a house fire may result. For your safety, follow the installation instructions, contact local building or fire officials about restrictions and installation inspection requirements in your area.

MASPORT - REGENCY WOODFIRE	Masport Vancouver Regency F2100L Regency I2100L
Max. Average Heat Output - Burning Hardwood	**11.7 kW**
Average Efficiency - Burning Hardwood	**64%**
Test Report Number	**7A00206-1997**

Complies with AS 4013 / NZS 7403
When testd in accordance with AS 4012 / NZS 7402
Tested at: Amdel Ltd, Stirling St, Thebarton SA 5031

Manufactured by
Fireplace Products International Ltd.
6988 Venture St. Delta BC CANADA V4G 1H4

N2134

TABLE OF CONTENTS

THE MASPORT IN-BUILT FIREPLACE & HEARTH HEATER

Page

INSTALLATION

In-built fireplace Safety Labels
- Ontario (I2101M) 4
- Vancouver (I3101L) 5

Before Installing Your Unit 6
- Chimney Specifications 6
- Installation in "0" Clearance Factory Built Fireplace 6
- Fireplace Specifications 6
- Masonry & Factory Built Clearances .. 7

Installing your In-built fireplace 8
- Convection Grill Installation 8
- Optional Flue Connector Kit 8
- Flue Connector Bracket 8
- A) Into a Masonry Fireplace 9
- B) Into a Factory Built Fireplace 9
- C) All Units - Faceplate & Trim 10

Floor Protection 10
Firebrick Assembly 10
Fan / Blower 11
Door Handle 11
Brick Flue Baffle & Secondary Air Tube Installation 12
- Vancouver (I3101) 12
- Ontario (I2101) 13

OPERATING INSTRUCTIONS

Draft Control 13

First Fire 14

Fan / Blower Operation 15

Ash Disposal 15

Safety Guidelines 15

Page

MAINTENANCE

Creosote 16
- Removal for Cleaning 16
- Ways to Prevent and Keep Unit Free of Creosote 16

Maintenance of Gold Plated Door 17

Door Gasket 17

Door Latch Adjustment 17

Glass Cleaning 17
Glass Replacement 17
Glass Removal 17

PARTS

Parts List 18

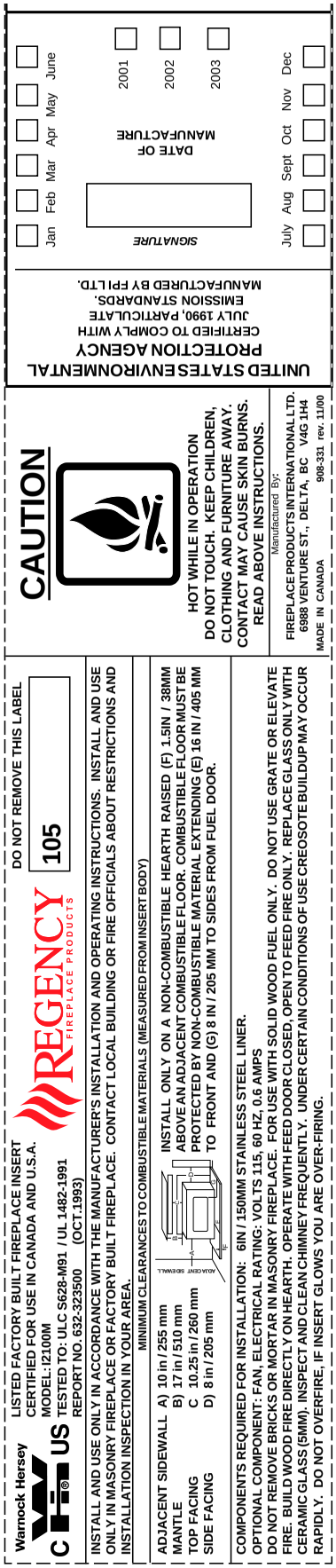
WARRANTY

Warranty 23

INSTALLATION

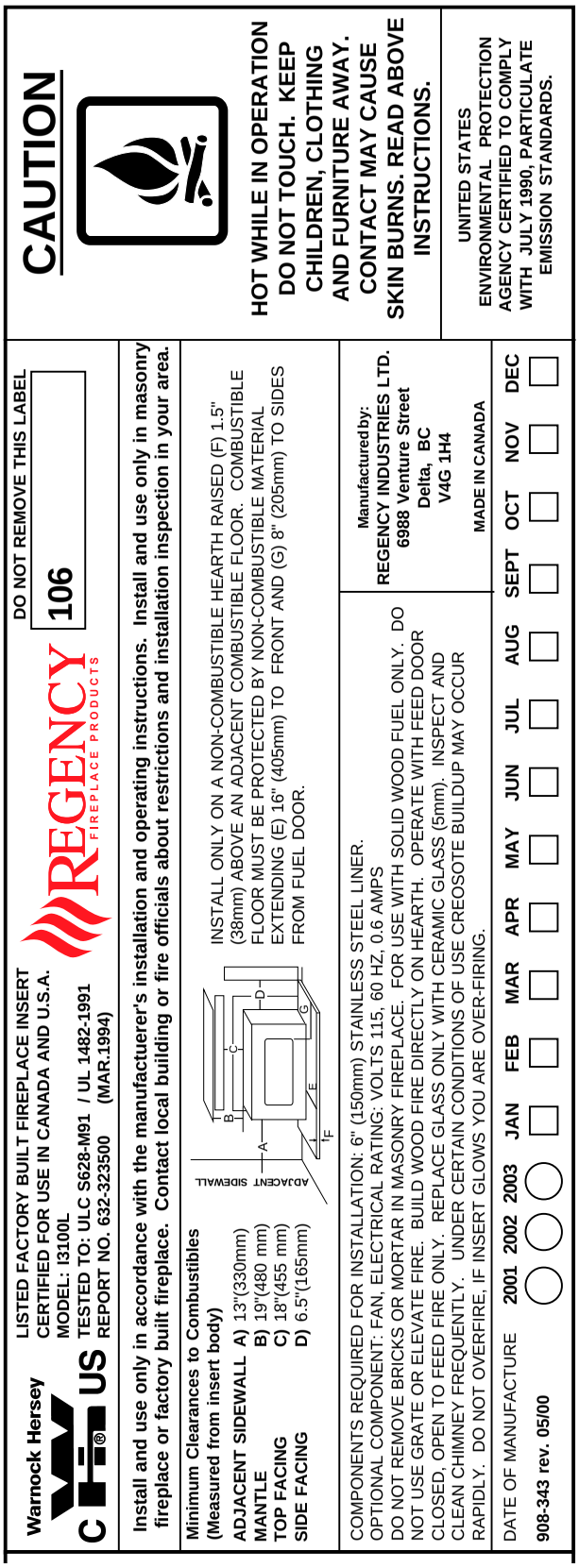
This is a copy of the label that accompanies each **Ontario In-built Fireplace.** We have printed a copy of the contents here for your review.

NOTE: Masport units are constantly being improved. Check the label on the unit and if there is a difference, the label on the unit is the correct one.


Warnock Hersey
C US
LISTED FACTORY BUILT FIREPLACE INSERT
CERTIFIED FOR USE IN CANADA AND U.S.A.
MODEL.:I2100M
TESTED TO: ULC S628-M91 / UL 1482-1991
REPORT NO. 632-323500 (OCT.1993)
DO NOT REMOVE THIS LABEL
105
REGENCY
FIREPLACE PRODUCTS
INSTALL AND USE ONLY IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION AND OPERATING INSTRUCTIONS. INSTALL AND USE ONLY IN MASONRY FIREPLACE OR FACTORY BUILT FIREPLACE. CONTACT LOCAL BUILDING OR FIRE OFFICIALS ABOUT RESTRICTIONS AND INSTALLATION INSPECTION IN YOUR AREA.
MINIMUM CLEARANCES TO COMBUSTIBLE MATERIALS (MEASURED FROM INSERT BODY)
ADJACENT SIDEWALL A) 10 in / 255 mm
MANTLE B) 17 in / 510 mm
TOP FACING C 10.25 in / 260 mm
SIDE FACING D) 8 in / 205 mm
INSTALL ONLY ON A NON-COMBUSTIBLE HEARTH RAISED (F) 1.5IN / 38MM ABOVE AN ADJACENT COMBUSTIBLE FLOOR. COMBUSTIBLE FLOOR MUST BE PROTECTED BY NON-COMBUSTIBLE MATERIAL EXTENDING (E) 16 IN / 405 MM TO FRONT AND (G) 8 IN / 205 MM TO SIDES FROM FUEL DOOR.
COMPONENTS REQUIRED FOR INSTALLATION: 6IN / 150MM STAINLESS STEEL LINER.
OPTIONAL COMPONENT: FAN, ELECTRICAL RATING: VOLTS 115, 60 HZ, 0.6 AMPS
DO NOT REMOVE BRICKS OR MORTAR IN MASONRY FIREPLACE. FOR USE WITH SOLID WOOD FUEL ONLY. DO NOT USE GRATE OR ELEVATE FIRE. BUILD WOOD FIRE DIRECTLY ON HEARTH. OPERATE WITH FEED DOOR CLOSED, OPEN TO FEED FIRE ONLY. REPLACE GLASS ONLY WITH CERAMIC GLASS (5MM). INSPECT AND CLEAN CHIMNEY FREQUENTLY. UNDER CERTAIN CONDITIONS OF USE CREOSOTE BUILDUP MAY OCCUR RAPIDLY. DO NOT OVERFIRE, IF INSERT GLOWS YOU ARE OVER-FIRING.
CAUTION
HOT WHILE IN OPERATION
DO NOT TOUCH. KEEP CHILDREN, CLOTHING AND FURNITURE AWAY.
CONTACT MAY CAUSE SKIN BURNS.
READ ABOVE INSTRUCTIONS.
Manufactured By:
FIREPLACE PRODUCTS INTERNATIONAL LTD.
6988 VENTURE ST., DELTA, BC V4G 1H4
MADE IN CANADA
908-331 rev. 1100
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
CERTIFIED TO COMPLY WITH JULY 1990, PARTICULATE EMISSION STANDARDS.
MANUFACTURED BY FPI LTD.
SIGNATURE
DATE OF MANUFACTURE
Jan Feb Mar Apr May June July Aug Sept Oct Nov Dec
2001 2002 2003

This is a copy of the label that accompanies each **Vancouver In-built Fireplace**. We have printed a copy of the contents here for your review.

NOTE: Masport units are constantly being improved. Check the label on the unit and if there is a difference, the label on the unit is the correct one.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Install and use only in accordance with the manufactuerer's installation and operating instructions. Install and use only in masonry fireplace or factory built fireplace. Contact local building or fire officials about restrictions and installation inspection in your area.
Minimum Clearances to Combustibles
(Measured from insert body)
ADJACENT SIDEWALL A) 13"(330mm)
MANTLE B) 19"(480 mm)
TOP FACING C) 18"(455 mm)
SIDE FACING D) 6.5"(165mm)
ADJACENT SIDEWALL
A
B
C
D
E
F
G
INSTALL ONLY ON A NON-COMBUSTIBLE HEARTH RAISED (F) 1.5" (38mm) ABOVE AN ADJACENT COMBUSTIBLE FLOOR. COMBUSTIBLE FLOOR MUST BE PROTECTED BY NON-COMBUSTIBLE MATERIAL EXTENDING (E) 16" (405mm) TO FRONT AND (G) 8" (205mm) TO SIDES FROM FUEL DOOR.
COMPONENTS REQUIRED FOR INSTALLATION: 6" (150mm) STAINLESS STEEL LINER.
OPTIONAL COMPONENT: FAN, ELECTRICAL RATING: VOLTS 115, 60 HZ, 0.6 AMPS
DO NOT REMOVE BRICKS OR MORTAR IN MASONRY FIREPLACE. FOR USE WITH SOLID WOOD FUEL ONLY. DO NOT USE GRATE OR ELEVATE FIRE. BUILD WOOD FIRE DIRECTLY ON HEARTH. OPERATE WITH FEED DOOR CLOSED, OPEN TO FEED FIRE ONLY. REPLACE GLASS ONLY WITH CERAMIC GLASS (5mm). INSPECT AND CLEAN CHIMNEY FREQUENTLY. UNDER CERTAIN CONDITIONS OF USE CREOSOTE BUILDUP MAY OCCUR RAPIDLY. DO NOT OVERFIRE, IF INSERT GLOWS YOU ARE OVER-FIRING.
Manufactured by:
REGENCY INDUSTRIES LTD.
6988 Venture Street
Delta, BC
V4G 1H4
MADE IN CANADA
DATE OF MANUFACTURE 2001 2002 2003 JAN FEB MAR APR MAY JUN JUL AUG SEPT OCT NOV DEC
908-343 rev. 05/00

INSTALLATION

Masport In-built Fireplaces are constructed with the highest quality materials and assembled under strict quality control procedures that insure years of trouble free and reliable performance.

It is important that you read this manual thoroughly and fully understand the safe installation and operating procedures. The more you understand the way your Masport In-built Fireplace operates, the more enjoyment you will experience from knowing that your unit is operating at peak performance.

Before Installing Your In-built Fireplace

1) Read all instructions before installing and using your in-built fireplace. Install and use only in accordance with manufacturer's installation and operating instructions.

2) Check your local building codes - Building Inspection Department. You may require a permit before installing your in-built fireplace. Be aware that local codes and regulations may override some items in the manual.

WARNING: Careless installation is the major cause of safety hazard. Check all local building and safety codes before installation of unit.

3) Notify your home insurance company that you plan to install a in-built fireplace or hearth heater.

4) Your in-built fireplace is heavy and requires two or more people to move it safely. The in-built fireplace can be badly damaged by mishandling.

5) If your existing fireplace damper control will become inaccessible once you have installed your Masport In-built Fireplace, you should either remove or secure it in the open position.

6) Inspect your fireplace and chimney prior to installing your in-built fireplace to determine that it is free from cracks, loose mortar or other signs of damage. If repairs are required, they should be completed before installing your in-built fireplace. Do not remove bricks or mortar from your masonry fireplace.

7) Do not connect the in-built fireplace to a chimney system servicing another appliance or an air distribution duct.

Chimney Specifications

Before installing, check and clean your chimney system thoroughly. If in doubt about its condition, seek expert advice. Your Masport In-built fireplace is designed for installation into a masonry fireplace that is constructed in accordance with the requirements of "The Standard for Chimneys, Fireplaces, Vents, and Solid Fuel Burning Appliance", N.F.P.A. 211, AS 4013 , and NZS 7402 or the applicable local code requirements.

Masport In-built Fireplaces are designed with a 6" (150mm) flue but a 7"(180mm) or 8"(200mm) flue liner or flue connector may be used.

Installation in "0" Clearance Factory Built Fireplace

The Ontario In-built Fireplace (I2101M) and Vancouver In-built Fireplace (I3101L) have been tested and approved to be vented into any approved "0" clearance Factory Built Fireplace that will accommodate your Masport unit.

IMPORTANT: If the Ontario or Vancouver unit is being installed into a factory built fireplace, check that factory variations of the "0" clearance fireplace will allow the in-built fireplace to physically fit into the firebox.

If the factory built fireplace height is too low for your in-built fireplace, you may remove the smoke shelf, baffle plate and damper plate from the factory built fireplace as long as these items are saved and are re-installed in the event that the in-built fireplace is removed.

Fireplace Specifications

Your fireplace opening requires the following minimum sizes:

	Height	Width	Depth
Ontario (I2101M)	546mm	635mm	432mm
Vancouver (I3101L)	635mm	711mm	432mm

Two faceplates are available to seal the fireplace opening:

Ontario (I2101M)	Standard: 1016mmW x 762mmH Oversize:1219mmW x 838mmH
Vancouver (I3101L)	Standard:1118mmW x 813mmH Oversize:1270mmW x 876mmH

Masonry and Factory Built Fireplace Clearances

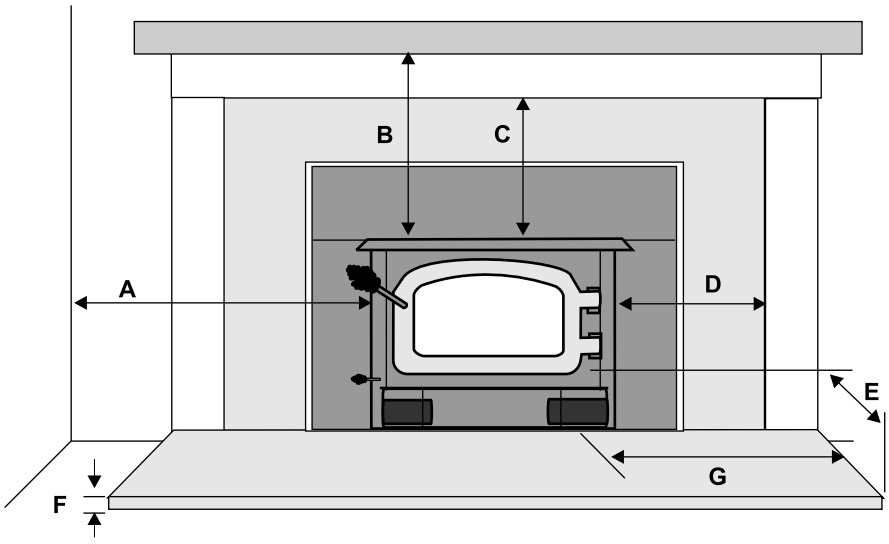
The minimum required clearances to combustible materials when installed into a masonry or factory built fireplace are listed below.

Unit	Adjacent Side Wall (to Side) A	Mantle (to Top) B	Top Facing (to Top) C	Side Facing (to Side) D	Minimum Hearth Extension* E	Minimum Hearth Elevation* F	Minimum Hearth Side Extension G
Ontario In-built (I2101M)	10"/530mm	17"/430mm	10.25"/260mm	8"/203mm	16"/406mm	1.5"/38mm	8"/205mm
Vancouver In-built (I3101L)	13"/330mm	19"/480mm	18"/455mm	6.5"/165mm	16"/406mm	1.5"/38mm	8"/205mm

Side and Top facing is a maximum of 1.5"(38mm) thick.
Floor protection must non-combustible, insulative material with an R value of 1.1 or greater.

***** If the hearth extension is flush with the floor (F) it must extend 19.5"(495mm) in front of the body face (E).

Note: Hearth Extension Width (G) is measured from edge of fuel door to side of hearth.



Clearance diagram for installations

INSTALLATION

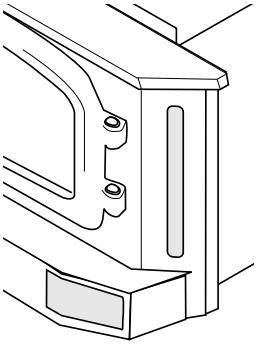
Installing Your In-built Fireplace

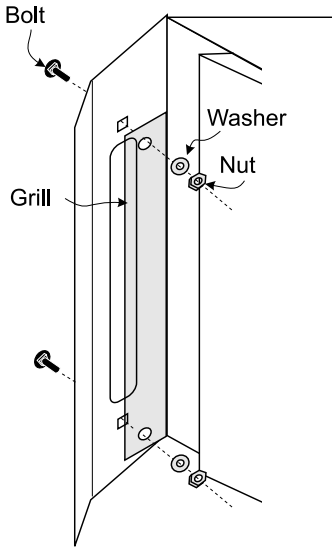
Your in-built fireplace is very heavy and will require two or three people to move it into position. The in-built fireplace can be made a little lighter by removing the cast iron door by opening it and lifting it off its hinges. Be sure to protect your hearth extension with a heavy blanket or carpet scrap during the installation.

Convection Grills

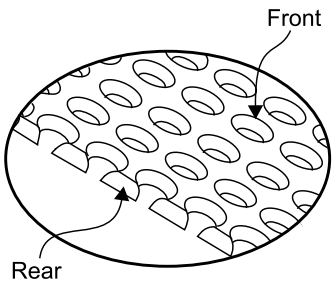
The convection grills are installed **before** the unit is positioned inside the fireplace.

Position the grill on the inside bodyface side and fasten using the bolts, washers and nuts provided (2 per side) as shown in the diagrams.





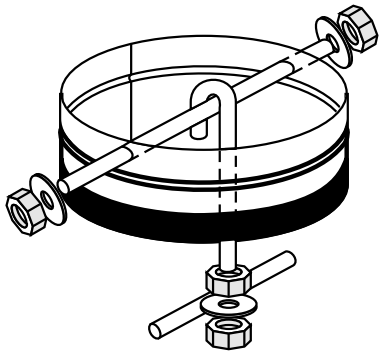
View from Rear of In-built Fireplace



Note: The grill has a front and rear, the holes on the front side have rounded edges and the rear holes have flat edges.

Optional Flue Connector Kit

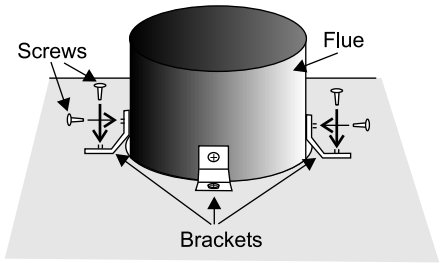
The optional Flue Connector Kit, Part # 846-527, may be used to produce a secure connection between your flue connector and the in-built fireplace collar. Detailed installation instructions are included with the kit.



Flue Connector Bracket

Package contains: 3 brackets and 6 screws.

These brackets are to be used to hold the flue liner (not supplied) to the in-built fireplace and keep the connection. The brackets are screwed into the top of the in-built fireplace in the pre-punched holes and then screwed into the flue liner.



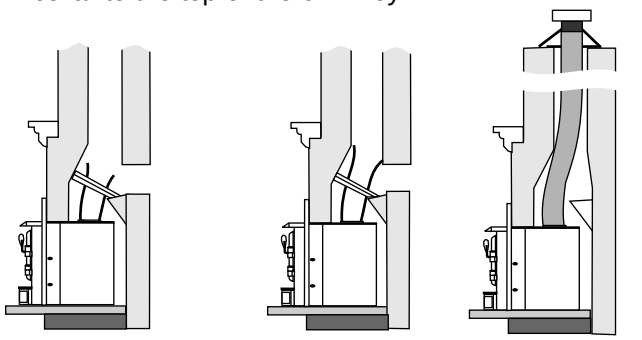
A) Into a Masonry Fireplace

The in-built fireplace must be installed as per the requirements of your local inspection authority. Three methods of flue connection are acceptable in most areas, these include:

1) Positive flue connection, where a large blocking plate and a short connector pipe is used.

2) Direct flue connection, where a smaller blocking plate and a connector pipe to the first flue liner tile is used.

3) Full flue liner, where a stainless steel rigid or flexible liner pipe is routed from the in-built fireplace outlet collar to the top of the chimney.



1) Positive Flue Connection with Cleanout

2) Direct Flue Connection with Cleanout

3) Full Flue Liner (No Cleanout Required)

Masport highly recommends the use of a full liner as the safest installation and provides the most optimum performance. Your retailer should be able to help you decide which system would be the best for your application.

Note: A clean-out door is sometimes required, by your inspector, to be installed when either the Positive flue connection or Direct flue connection method is used.

The use of one of the connection methods listed on this page not only increases the safety of your in-built fireplace by directing the hot gases up the flue, but will also help increase the unit's efficiency and decrease creosote deposits in the chimney.

When a connected flue or liner is in use, the in-built fireplace is able to “breathe” better by allowing a greater draft to be created. The greater draft can decrease problems such as, difficult start-ups, smoking out the door, and dirty glass.

B) Into a Factory Built Fireplace

1) When installed in a factory built fireplace, a full stainless steel rigid or flexible flue liner is mandatory, for both safety and performance purposes. When a flue or liner is in use, the in-built fireplace is able to breathe better by allowing a greater draft to be created. The greater draft can decrease problems such as, difficult start-ups, smoking out the door, and dirty glass.

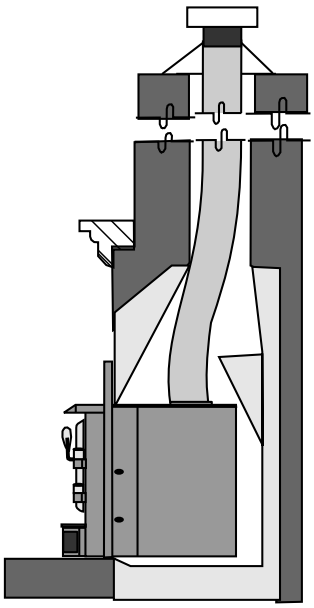
2) In order to position the flue liner, the existing rain cap must be removed from your chimney system. In most cases the flue damper should also be removed to allow passage of the liner.

3) In most cases opening the existing spark screens fully should give enough room for the in-built fireplace installation. If it does not, remove and store.

4) If the floor of your fireplace is below the level of the fireplace opening, adjust the in-built fireplace's levelling bolts to accommodate the difference. When additional shimming is required, use non-combustible masonry or steel shims.

5) Measure approximately the alignment of the flue liner with the position of the smoke outlet hole on the in-built fireplace to check for possible offset. If an offset is required, use a proper stainless steel unit available with the chimney liner.

6) Once the above items have been checked, slide your in-built fireplace into position after first positioning the flue liner and offset if required. (Re-install raincap at completion of installation).



INSTALLATION

C) ALL UNITS

Faceplate and Trim

Prior to sliding your insert into its final position and attaching the connector or liner pipe, the faceplate must be installed as follows:

1) Slide the spring nuts (supplied) over the slots in the insert's side convection panels (the spring nuts may need to be squeezed with a pair of pliers first, to help them stay in position).

2) Screw the side faceplate panels, (item A in the diagram) one to each side.

3) Using the top panel (item B in the diagram) as a gauge, check that the side panels are within approximately 1/4" of the overall width. If the difference is greater than this, use the supplied washers to attain the required width.

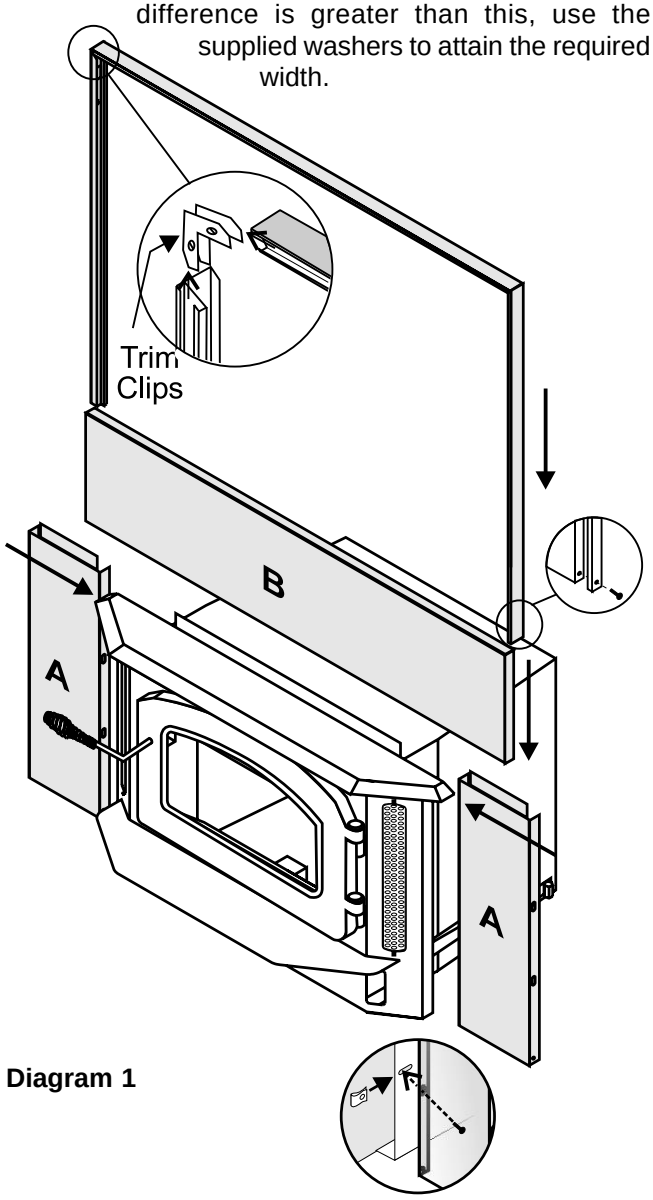


Diagram 1

4) The unit may now be slid into final position and attached to the connection system.

5) Once connection is made, the insulation strips should be installed between the insert faceplates and the fireplace face.

6) The faceplate top may now be installed (with insulation strip behind) by aligning its brackets with the top flange on the side shields and the angle iron bar on the insert top.

7) The faceplate trim may be installed to the edge of the faceplate at this time. To permanently mount the trim, drill two 5/32" diameter holes through the trim and side panels and screw the trim to the panels using the gold plated screws provided.
Note: It may be easier to install the insulation, faceplate top and faceplate trim with the unit pulled slightly away from the fireplace face. If this is done, be very careful not to disturb the connector when shifting the unit to its final position.

8) Now that your insert is installed, check once more that all the clearances from the unit to any combustible materials are correct as listed earlier.

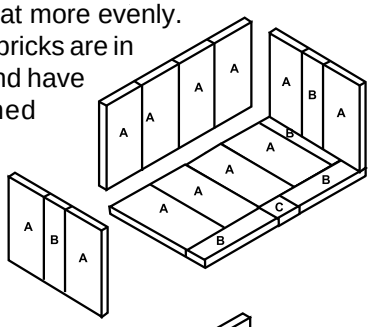
Floor Protection

Please check to ensure that your floor protection and hearth will meet the standards for clearance to combustibles. Your hearth extension must be made from a non-combustible material.

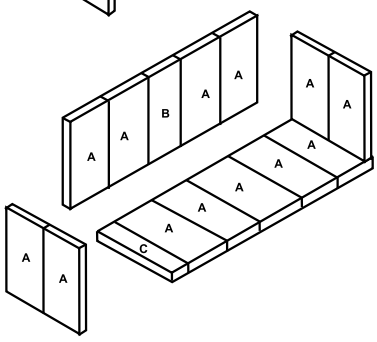
Firebrick Assembly

Firebrick is included to extend the life of your in-built fireplace and radiate heat more evenly. Check to see that all firebricks are in their correct positions and have not become misaligned during shipping.

Ontario
In-built Fireplace
(I2101M)



Vancouver
In-built Fireplace
(I3101L)

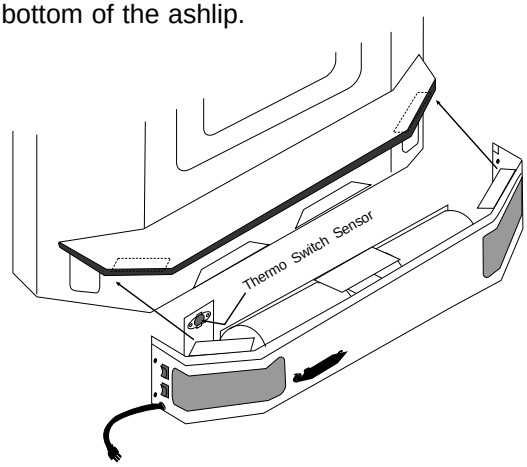


Fan/Blower

Your fan should only be installed once the unit is in place in order to prevent any damage to the fan. To attach, follow the instructions provided with the fan. Make sure to install the rubber grommet to the fan housing before it is installed on the insert.

1) Remove the protective covering from the brass trim on the fan.

2) Align the fan support with the offset clip on the bottom of the ashlip.



3) Slide the supports into the clips. The tension holding the clips in place may be adjusted by increasing or decreasing the offset spacing of the clips.

4) Ensure that the power cord is not in contact with any hot stove surfaces.

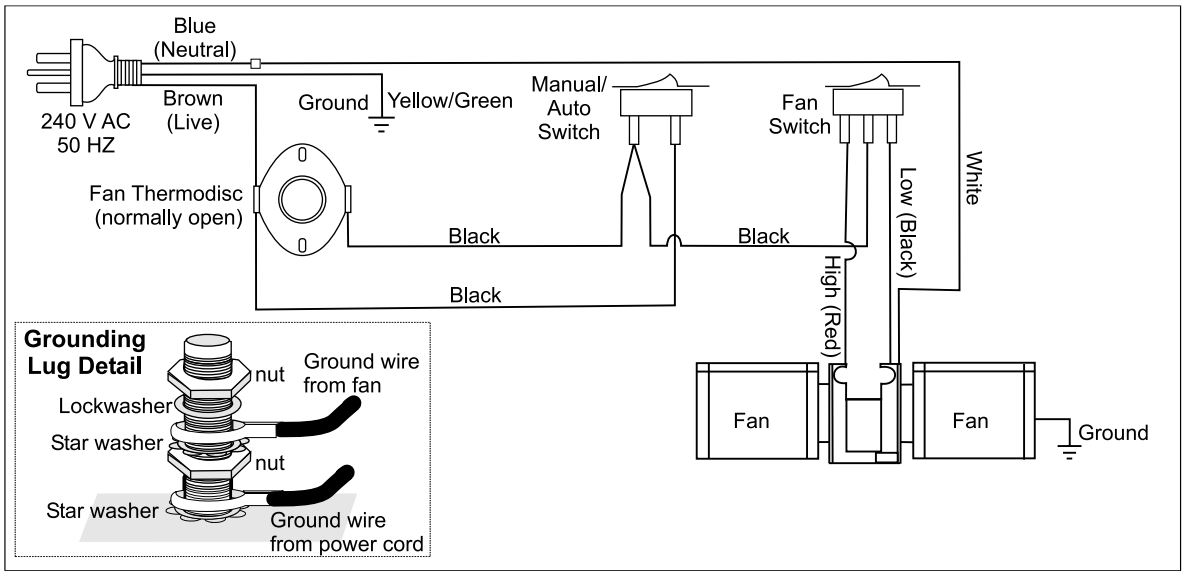
5) Push the Masport logo plate into the two holes in the front bottom left corner of the fan.

Do not turn fan ON until your insert has reached operating temperature or at least 30 minutes after starting fire.

CAUTION: Label all wires prior to disconnection when servicing controls. Wiring errors can cause improper and dangerous operation.

WARNING:
Electrical Grounding Instructions
This appliance is equipped with a three pronged (grounding) plug for your protection against shock hazard and should be plugged directly into a properly grounded three-prong receptacle. Do not cut or remove the grounding prong from this plug.

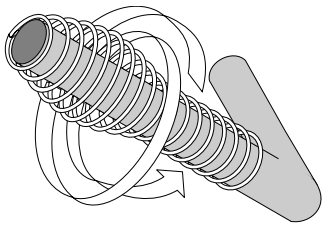
Caution: Ensure that the wires do not touch any hot surfaces and are away from sharp edges.



Blower/Fan Wiring Diagram

Door Handle

Attach spring handle by rotating counter clockwise onto rod. Ensure that the rod fits into the entire length of the spring handle.



INSTALLATION

Brick Flue Baffle & Secondary Air Tube Installation

The flue baffle system located in the upper area of the firebox is removable to make cleaning your chimney system easier. The brick baffles must be installed prior to your first fire. **Smoke spillage and draft problems may occur if the baffles are improperly positioned.** Check the position of the brick baffles on a regular basis as they can be dislodged if too much fuel is forced into the firebox.

The Vancouver units (F3100L) are shipped with one of the secondary air tubes loose inside the firebox. This needs to be installed after the brick baffle are installed. Follow the directions below.

Vancouver In-built Fireplace I3101L

The unit arrives with the third air tube (from the front) and the 2 baffle bricks on the floor of the firebox. The baffle bricks are positioned first and then the air tube is installed.

1) Slide the left baffle brick over the front two air tubes and then slide it back over the rear air tube. Diagrams 5 and 6.

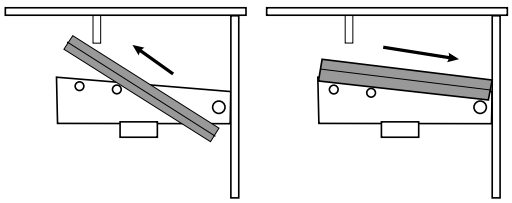


Diagram 5: Side View **Diagram 6: Side View**

2) Tilt the left baffle brick up on top of the side channel and it will leave enough room to position the right baffle brick in the same manner as Step 1) above. Then reposition the left baffle brick flat on the air tubes. Diagram 7.

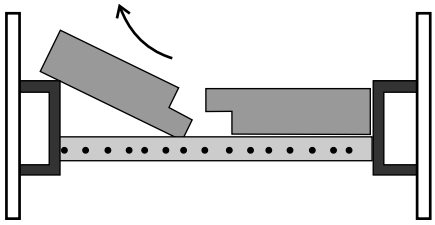


Diagram 7: Front View

3) Important: push both baffle bricks so they are tight against the side walls. Diagram 8.

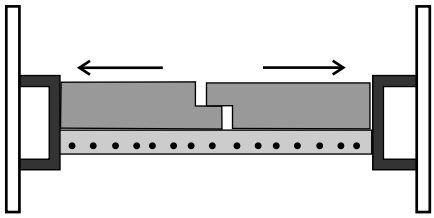
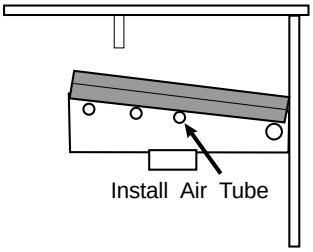


Diagram 8: Front View

4) Install the third (from the front) air tube into the holes on the side channels. The notch goes on the right hand side with the air holes facing forward toward the door opening. If the tube will not slide in easily, simply use a pair of vise grips or pliers and tap it into place with a hammer. A tighter fit will ensure the tube will not move when the unit is burning. Diagrams 9 and 10.

Diagram 9: Side View



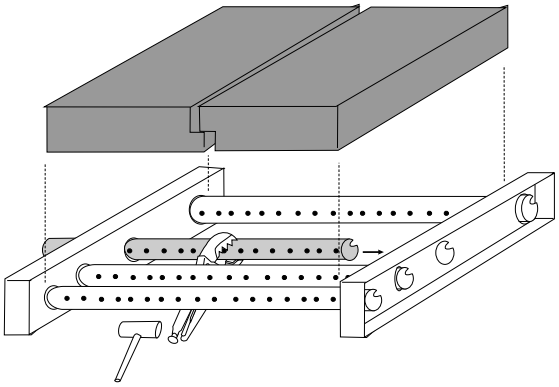


Diagram 10: Air Tube Installation

Note: When cleaning the chimney reverse the above procedures, removing the air tube and baffle bricks and then replace them when cleaning is completed.

Ontario In-built Fireplace (I2101M)

The unit arrives with the 2 baffle bricks on the floor of the firebox.

1) If all 3 air tubes are installed continue on to Step 2), if not, follow the instructions below. Install the air tube into the holes in the side channels. The notch goes on the right hand side with the air holes facing toward the door. Slide the tube into the left hand side, as far as possible and then bring it back into the hole on the right hand side until it locks into position. If the tube will not slide in easily, simply use a pair of vise grips or pliers vise grips and tap it into place with a hammer. A tighter fit will ensure the tube will not move when the unit is burning. See the diagram for the Montreal air tube installation (page 15), though there are only three air tubes in the Vancouver units.

2) Slide the left baffle brick over the air tubes from the front, then push it to the back. Diagrams 11 and 12.

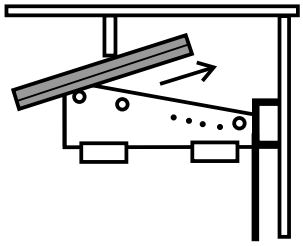


Diagram 11: Side View

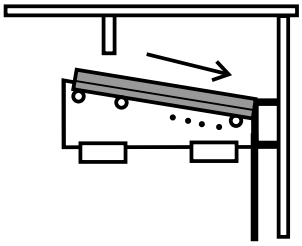


Diagram 12: Side View

3) Tilt the left baffle brick up on top of the side channel and it will leave enough room to position the right baffle brick in the same manner as Step 1) above. Then reposition the left baffle brick flat on the air tubes. Diagram 13.

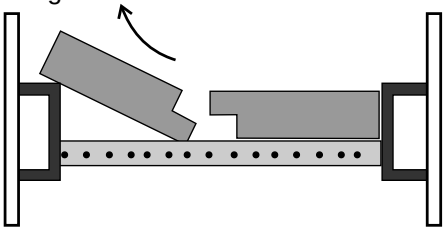


Diagram 13: Front View

4) Important: push both baffle bricks so they are tight against the side walls. Diagram 14.

Note: When getting the chimney cleaned, push the brick baffles forward toward the front of the stove, this should leave sufficient access to the flue. If it is not enough space then remove the middle air tube (reverse the procedure in step 1) above), and baffle bricks and then replace everything when cleaning is completed.

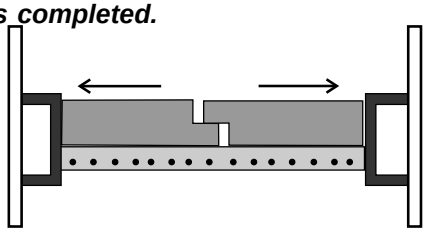
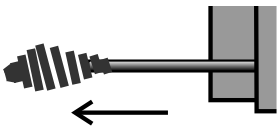


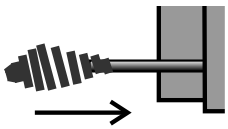
Diagram 14: Front View

Draft Control

Before establishing your first fire, it is important that your fully understand the operation of you draft control. The draft rod is on the left side of the In-built fireplaces and it controls the intensity of the fire by increasing or decreasing the amount of air allowed into the firebox. To increase your draft - pull open, and to decrease - push closed.



Pull Open



Push Closed

As well as a primary and glass wash air system, the unit has a full secondary draft system that allows air to the induction ports at the top of the firebox, just below the flue baffle.

WARNING: To build a fire in ignorance or to disregard the information contained in this section can cause serious permanent damage to the unit and void your warranty.

OPERATING INSTRUCTIONS

First Fire

When your installation is completed and inspected, you are ready for your first fire.

1) Open draft control fully.

2) Open firebox door and build a small fire using paper and dry kindling, wait a few minutes for a good updraft in the flue to establish the fire. Leaving the door slightly open will help your fire start more rapidly.

CAUTION: Never leave unit unattended if door is left open. This procedure is for fire start-up only, as unit may over-heat if door is left open for too long.

3) With the draft still in the fully open position, add two or three seasoned logs to your fire. Form a trench in the ash bed to allow air to reach the rear of the firebox prior to closing the door.

4) After about 15 to 20 minutes, when your wood has begun to burn strongly, adjust your draft control down to keep the fire at a moderate level.
WARNING: Never build a roaring fire in a cold stove. Always warm your stove up slowly!

5) Once a bed of coals has been established, you may adjust the draft control to a low setting to operate the unit in its most efficient mode.

6) During the first couple of hours, keep the combustion rate at a moderate level and avoid a large fire until the paint is cured. Only then can you operate the in-built fireplace at its maximum setting, and only after the metal has been warmed.

7) For the first few hours, the in-built fireplace will give off an odor from the paint. This is to be expected as the high temperature paint becomes seasoned. Windows and/or doors should be left open to provide adequate ventilation while this temporary condition exists. Burning the in-built fireplace at a very high temperature the first few times may damage the paint. Burn fires at a moderate level the first few days.

8) Do not place anything on the in-built fireplace top during the curing process. This may result in damage to your paint finish.

9) During the first few hours it may be more difficult to start the fire. As you dry out your fire brick and your masonry flue (if applicable), your draft will increase.

10) For those units installed at higher elevations or into sub-standard masonry fireplaces, drafting problems may occur. Consult an experienced dealer or mason on methods of increasing your draft.

11) Some cracking and popping noises may be experienced during the heating up process. These noises will be minimal when your unit reaches temperature.

12) Before opening your door to reload, open draft fully for approximately 10 to 15 seconds until fire has been re-established. This will minimize any smoking.

13) All fuel burning appliances consume oxygen during operation. It is important that you supply a source of fresh air to your unit while burning. A slightly opened window is sufficient for this purpose.

CAUTION: If the body of your unit (or in the H2100M flue baffle) starts to glow you are overfiring. Stop loading fuel immediately and close the draft control until the glow has completely subsided.

14) Green or wet wood is not recommended for your unit. If you must add wet or green fuel, open the draft control fully until all moisture has been dispersed by the intense fire. Once all moisture has been removed, the draft control may be adjusted to maintain the fire.

15) If you have been burning your in-built fireplace on a low draft, use caution when opening the door. After opening the damper, open the door a crack, and allow the fire to adjust before fully opening the door.

16) The controls of your unit should not be altered to increase firing for any reason.

Fan Operation

The fan is to be operated only with the draft control rod **pulled out at least 1/2"(13mm) from the fully closed position.** The fan is not to be operated when the draft control rod is in the closed position (pushed in). The fully closed position is the low burn setting.

The fan unit must not be turned on until a fire has been burning for at least 30 minutes and the unit is hot enough. As well, after each fuel loading the fan must be shut off until 30 minutes has elapsed.

To operate fan automatically, push switch on side of fan housing to "Auto" and second switch to either "High" or "Low" for fan speed. The automatic temperature sensor will engage the blower when the unit is at temperature and will shut off the blower once the fire has gone out and the unit has cooled to below a useful heat output range.

To manually operate the fan system, push the first switch to "Man" and second switch to either "high" or "Low". This will bypass the sensing device and allow full control of the fan. Switching from "Auto" to "Manual" or "High" to "Low" may be done at any time.

Ash Disposal

During constant use, ashes should be removed every few days. Please take care to prevent the build-up of ash around the start-up air housing located inside the firebox, under the loading door lip.

DO NOT ALLOW ASHES TO BUILD UP TO THE LOADING DOORS.

Only remove ashes when the fire has died down. Even then, expect to find a few hot embers. Always leave 1 to 2 inches of ash in the bottom of the firebox. This helps in easier starting and a more uniform burn of your fire.

Ashes should be placed in a metal container with a tight fitting lid. The closed container of ashes should be placed on a noncombustible floor or on the ground, well away from all combustible materials, pending final disposal. If the ashes are disposed of by burial in soil or otherwise locally dispersed, they should be retained in the closed container until all cinders have thoroughly cooled. Other waste should not be placed in the ash container.

Some Safety Guidelines

1) Never use gasoline, gasoline type lantern fuels, kerosene, charcoal lighter fuel, or similar liquids to start or 'freshen up' a fire in your heater. Keep all such liquids well away from the heater while it is in use.

2) Keep the door closed during operation and maintain all seals in good condition.

3) Do not burn large quantities of paper in your in-built fireplace.

4) If you have smoke detectors, prevent smoke spillage as this may set off a false alarm.

5) Do not overfire your in-built fireplace. If the in-built fireplace or its flue baffle begin to glow, you are overfiring. Stop adding fuel and close the draft control. Overfiring can cause extensive damage to your stove including warpage and premature steel corrosion. Overfiring will void your warranty.

6) Do not permit creosote or soot buildup in the chimney system. Check and clean chimney at regular intervals.

7) Your Masport In-built Fireplace can be very hot. You may be seriously burned if you touch the in-built fireplace while it is operating. Warn children of the burn hazard.

8) The in-built fireplace consumes air while operating, provide adequate ventilation with an air duct or open a window while the in-built fireplace is in use.

9) Do not use grates, irons or other methods for supporting fuel. Burn directly on the bricks.

10) Open the draft control fully for 10 to 15 seconds prior to slowly opening the door when refuelling the fire.

11) Do not connect your unit to any air distribution duct.

12) Your in-built fireplace should burn dry, standard firewood only. The use of "mill ends" is discouraged as this fuel can easily overheat your in-built fireplace. Evidence of excessive overheating will void your warranty. As well, a large portion of sawmill waste is chemically treated lumber, which is illegal to burn in many areas. Chemically treated fire logs also must not be burned in your in-built fireplace.

MAINTENANCE

13) Do not store any fuel closer than 2 feet from your unit.

14) Do not burn salt drift wood as it will corrode your unit and void the warranty.

15) Do not operate the unit if the glass is broken or missing. Do not operate the unit if the gasketing is worn out and not sealing the door or the glass.

It is very important to carefully maintain your in-built fireplace, including burning seasoned wood and maintaining a clean stove and chimney system. Have the chimney cleaned before the burning season and as necessary during the season, as creosote deposits may build up rapidly. Moving parts of your in-built fireplace require no lubrication.

Creosote

When wood is burned slowly, it produces tar and other organic vapors, which form creosote when combined with moisture. The creosote vapors condense in the relatively cool chimney flue of a slow-burning fire. As a result, creosote residue accumulates on the flue lining. When ignited, this creosote can make an extremely hot fire.

Removal for Cleaning etc.

Removal of your in-built fireplace for cleaning purposes is usually not required if a proper installation has been done. In the event that removal is required, be sure not to damage any parts needed for re-installation. In most cases removal and replacement of the baffle system should allow full access for cleaning.

WARNING: Things to remember in case of chimney fire:

1) Close draft control

2) Call the Fire Department

Ways to Prevent and Keep Unit Free of Creosote

1) Burn in-built fireplace with draft control wide open for about 15 minutes every morning during burning season. This helps to prevent creosote deposits within the heating system.

2) Burn in-built fireplace with draft control wide open for about 10 - 15 minutes every time you add fresh wood. This allows the wood to achieve the charcoal stage faster and burns up any wood vapors which might otherwise be deposited within the system.

3) **Only burn seasoned wood!** Avoid burning wet or green wood. Seasoned wood has been dried at least one year.

4) A small hot fire is preferable to a large smouldering one that can deposit creosote within the system.

5) Check the chimney at least twice a month during the burning season for creosote build-up.

6) Have chimney system and unit cleaned by competent chimney sweeps twice a year during the first year of

use and at least once a year thereafter or when needed.

Maintenance of Gold-Plated Doors

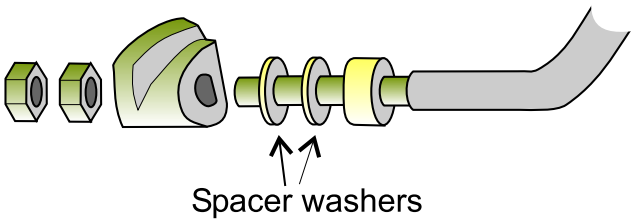
The gold electroplated finish on the doors requires little maintenance, and need only be cleaned with a damp cloth. DO NOT use abrasive materials or chemical cleaners, as they may harm the finish and void the warranty.

Door Gasket

If the door gasket requires replacement, 7/8" diameter material must be used. A proper high temperature gasket adhesive is required. A gasket repair kit, Part # 846-570 is available from your local Masport dealer.

Door Latch Adjustment

The door latch may require adjustment as the door gasket material compresses after a few fires. Removal of the spacer washer, shown in the diagram below, will allow the latch to be moved closer to the door frame, causing a tighter seal. Remove and replace the nuts, washer as shown.



Glass Cleaning

Only clean your glass window when it is cool. Your local retailer can supply you with special glass cleaner if plain water and a soft cloth does not remove all deposits.

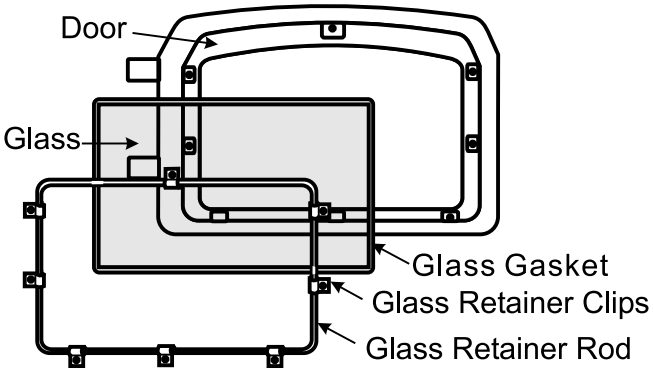
Glass Replacement

Your Masport In-built Fireplace is supplied with 5 mm. Neoceram ceramic glass that will withstand the highest heat that your unit will produce. In the event that you break your glass by impact - purchase your replacement from an authorized Masport dealer only, and follow our step-by-step instructions.

Glass Removal

Allow the stove to cool before removing or replacing glass. Remove the door from the in-built fireplace and remove the glass retainer. Use caution when removing broken glass to prevent injury.

When placing the replacement glass in the door, make sure that the glass gasketing will properly seal your unit. Replace the retainer and tighten securely, but do not spanner down on the glass as this may cause breakage. Do not substitute materials. If your glass door does break, do not continue to use your unit until it has been replaced.

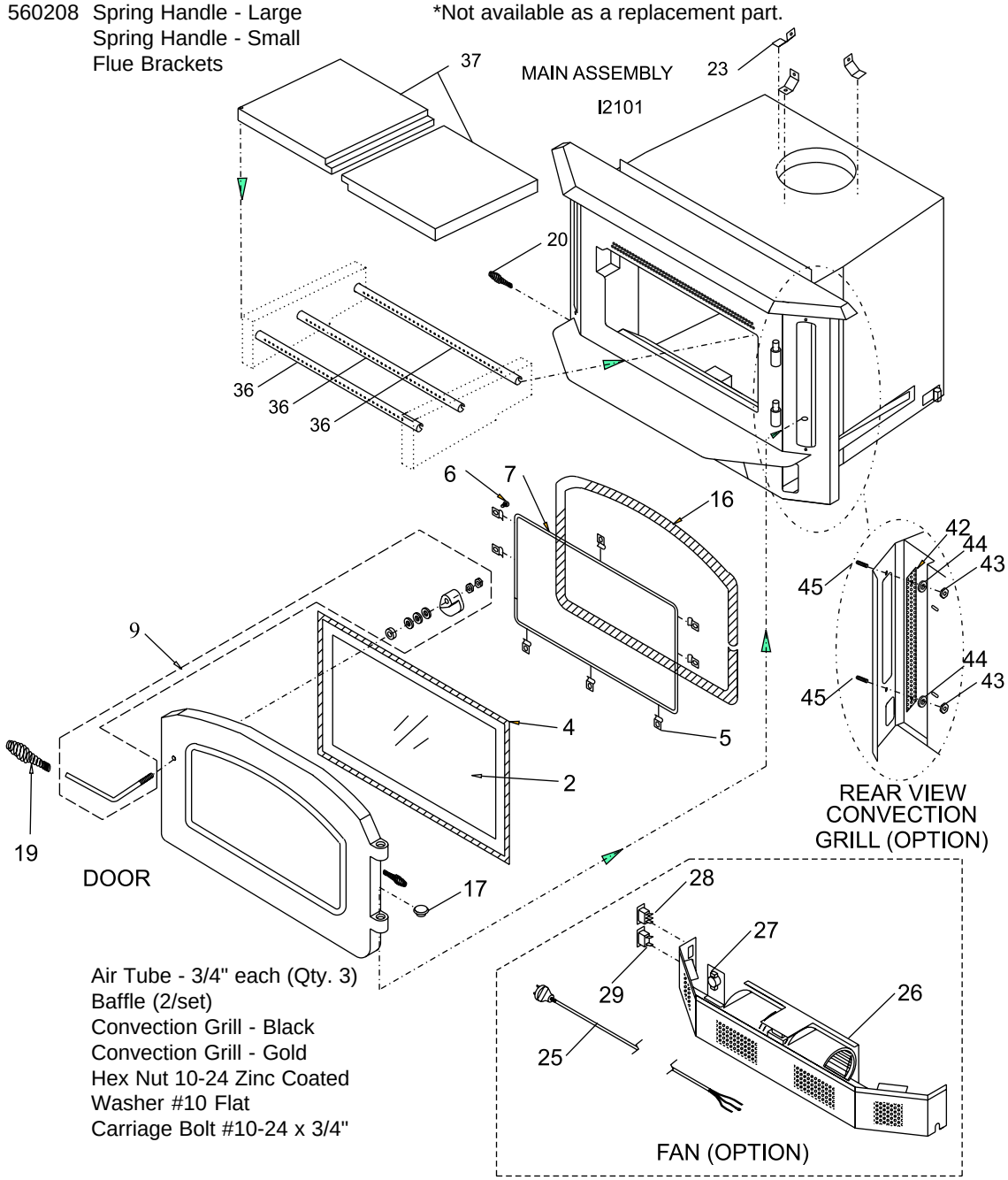


REPLACEMENT / SPARE PARTS LIST

Ontario - Medium Inbuilt Fireplace I2101 - Main Assembly

	Part # Australia	Part # New Zealand	Description
	846-916		Large Door Assy - Black
	846-910		Large Door Assy - Gold
2)	846-304		Glass - Large
4)	936-243	560087	7/8" Glass Gasket
5)	846-920	560202	Glass Retainer Clips (Set)
6)	*		Screw - 1/4 - 20 x 3/8"
7)	948-172/P		Large Glass Retainer
9)	846-973		Door Handle Assembly
16)	846-570	560203	Door Gasket Kit
17)	846-918	560204	Hinge Cap - Gold (2/set)
19)	948-101	560208	Spring Handle - Large
20)	948-102		Spring Handle - Small
23	820-235		Flue Brackets
	142-920		Complete Fan Assy
25)	910-714	560061	Power Cord (240 V)
26)	910-155/P	560023	Fan Motor (240 V)
27)	910-142		Fan Thermodisc
28)	910-140	560036	Fan High/Off/Low Switch (3-way)
29)	910-138		Fan Auto/Manual Switch
30)	*		Fan Housing
	948-217		Logo - Masport
	908-047		Manual

*Not available as a replacement part.



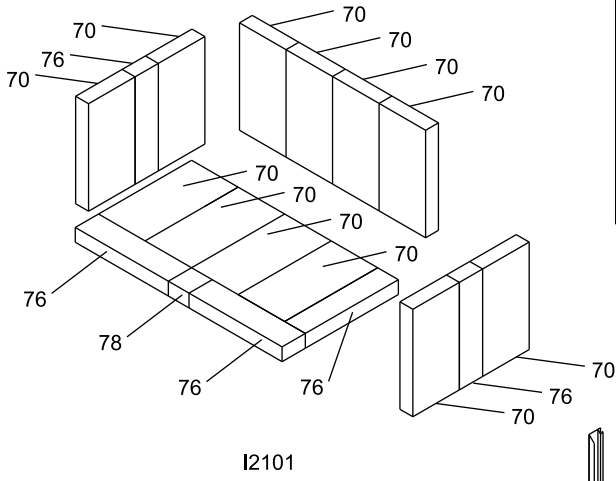
36)	033-953	Air Tube - 3/4" each (Qty. 3)
37)	033-955	Baffle (2/set)
42)	163-930	Convection Grill - Black
	163-932	Convection Grill - Gold
43)	*	Hex Nut 10-24 Zinc Coated
44)	*	Washer #10 Flat
45)	*	Carriage Bolt #10-24 x 3/4"

Ontario - Medium Inbuilt Fireplace I2101 - Accessories

	Part # Australia	Part # New Zealand	Description
			Bricks
70)	902-111		Brick: 32mm x 114mm x 229mm
76)	802-152		Brick: 32mm x 51mm x 229mm
78)	802-143		Brick: 32mm x 57mm x 57mm
	140-911		Faceplate & Trim - Regular
285)	143-161		Trim - Right - Regular
286)	143-158		Trim - Top - Regular
287)	143-160		Trim - Left - Regular
288)	*		Faceplate - Side - Regular
289)	*		Faceplate - Top - Regular
	140-913		Faceplate & Trim - Oversize
295)	143-164		Trim - Right - Oversize
296)	143-162		Trim - Top - Oversize
297)	143-163		Trim - Left - Oversize
298)	*		Faceplate - Side - Oversize
299)	*		Faceplate - Top - Oversize

Part # Australia	Part # New Zealand	Description
846-532		Trim Clips
836-300		Yellow Insulation 1219mm x 102mm
846-531		Faceplate Hardware Pkg.

*Not available as a replacement part.



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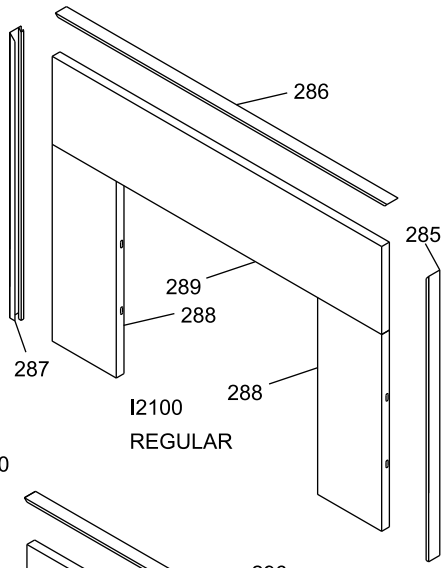
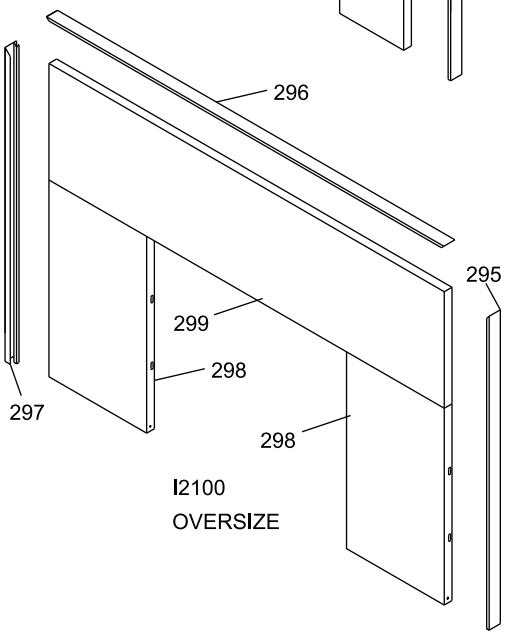


I2100
REGULAR



I2100
OVERSIZE

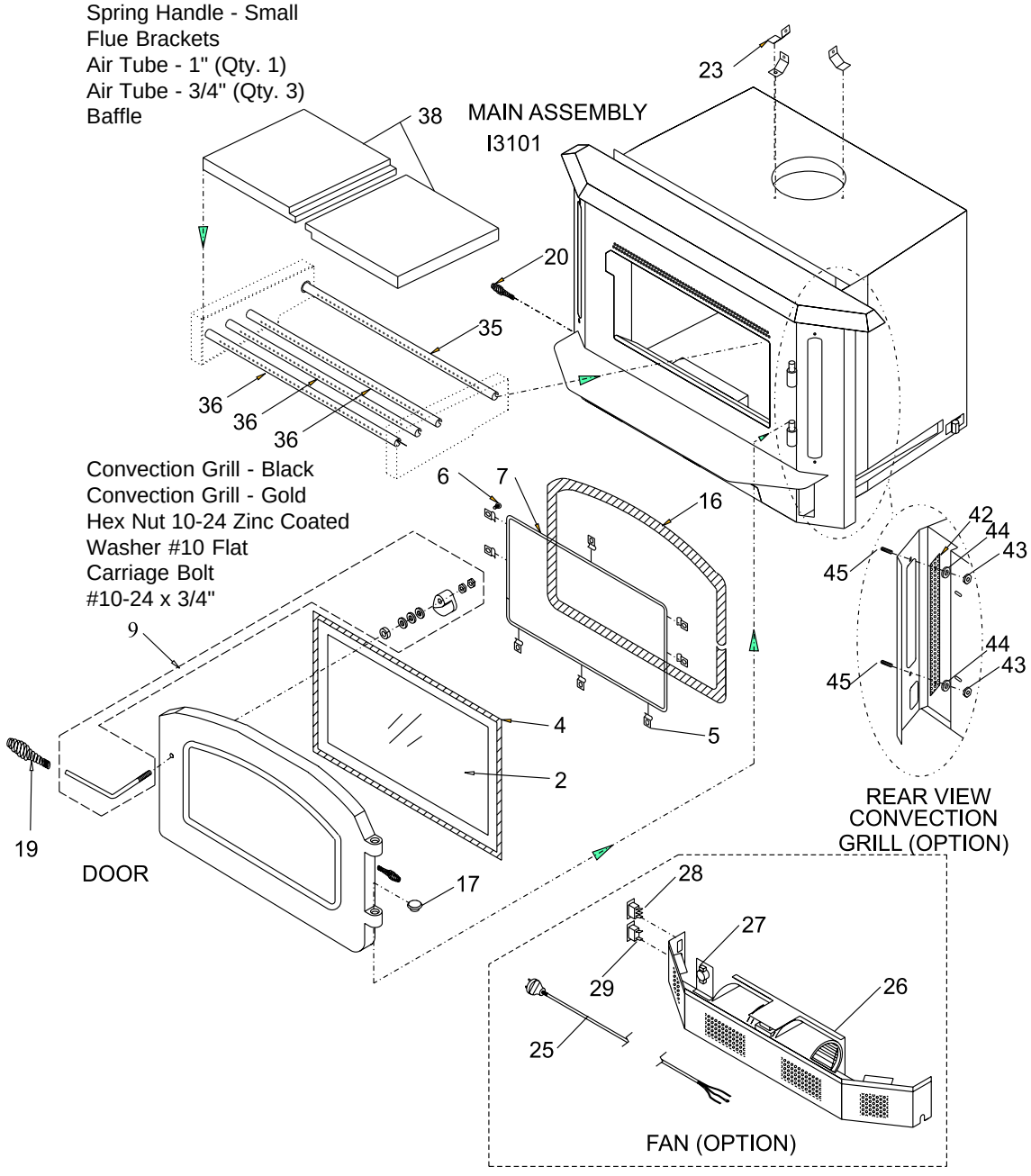
REPLACEMENT / SPARE PARTS LIST

Vancouver - Large Inbuilt Fireplace I3101 - Main Assembly

	Part # Australia	Part # New Zealand	Description
1)	846-916		Large Door Assy - Black
	846-910		Large Door Assy - Gold
3)	846-304		Glass - Large
4)	936-243	560087	7/8" Glass Gasket
5)	846-920	560202	Glass Retainer Clips (set)
6)	*		Screw - 1/4 - 20 x 3/8"
7)	948-172/P		Large Glass Retainer
9)	846-973		Door Handle Assembly
16)	846-570	560203	Door Gasket Kit
17)	846-918	560204	Hinge Cap - Gold (2/set)
19)	948-101	560208	Spring Handle - Large
20)	948-102		Spring Handle - Small
23)	820-235		Flue Brackets
35)	063-954		Air Tube - 1" (Qty. 1)
36)	063-953		Air Tube - 3/4" (Qty. 3)
38)	063-955		Baffle
42)	163-930		Convection Grill - Black
	163-932		Convection Grill - Gold
43)	*		Hex Nut 10-24 Zinc Coated
44)	*		Washer #10 Flat
45)	*		Carriage Bolt #10-24 x 3/4"

	Part # Australia	Part # New Zealand	Description
	163-920		Complete Fan Assy
25)	910-714	560061	Power Cord (240 V)
26)	910-155/P	560023	Fan Motor (240 V)
27)	910-142		Fan Thermodisc
28)	910-140	560036	Fan High/Off/Low Switch (3-way)
29)	910-138		Fan Auto/Manual Switch
30)	*		Fan Housing
	948-217		Logo - Masport
	908-047		Manual

*Not available as a replacement part.

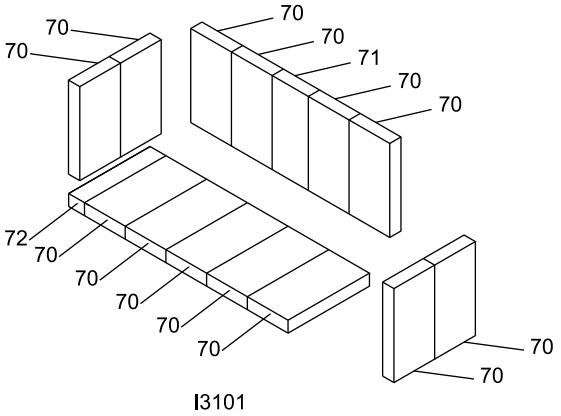


Vancouver - Large Inbuilt Fireplace I3101 - Accessories

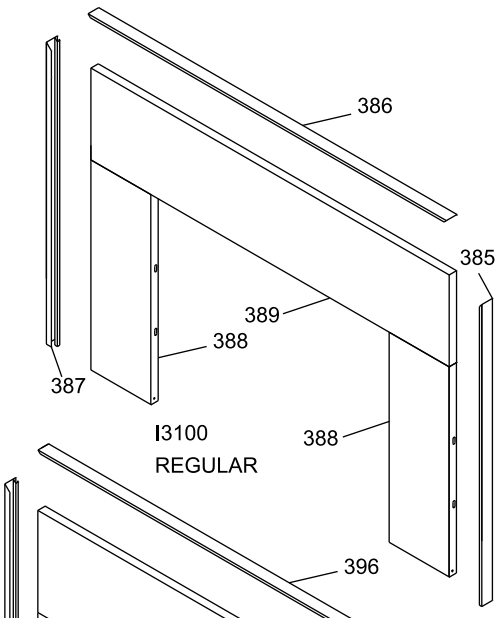
	Part # Australia	Part # New Zealand	Description
			Bricks
70)	902-111		Brick: 32mm x 114mm x 229mm
71)	802-104		Brick: 32mm x 102mm x 229mm
72)	802-146		Brick: 32mm x 45mm x 229mm
	163-910		Faceplate & Trim - Regular
385)	163-165		Trim - Right - Regular
386)	163-160		Trim - Top - Regular
387)	163-161		Trim - Left - Regular
388)	*		Faceplate - Side - Regular
389)	*		Faceplate - Top - Regular
	163-912		Faceplate & Trim - Oversize
395)	163-164		Trim - Right - Oversize
396)	163-162		Trim - Top - Oversize
397)	163-163		Trim - Left - Oversize
398)	*		Faceplate - Side - Oversize
399)	*		Faceplate - Top - Oversize

Part # Australia	Part # New Zealand	Description
846-532		Trim Clips
836-300		Yellow Insulation 48" x 4"
846-531		Faceplate Hardware Pkg.

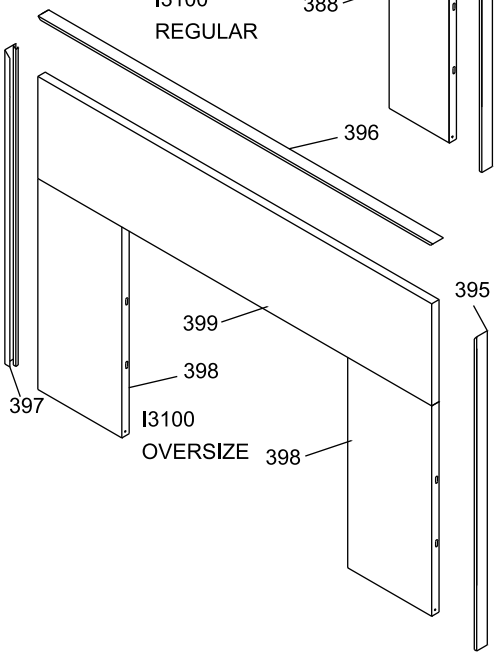
*Not available as a replacement part.



I3101



I3100
REGULAR



I3100
OVERSIZE

NOTES

The Masport Express Warranty for Woodfires and Pot Belly Stoves

Important:
For all Masport Woodfires and Pot Belly Stoves, please read the Owner Manual and this Express Warranty before using the product. This Express Warranty does not cover damage due to misuse or failure to follow the operating and installation instructions.

The Details:
Masport's obligation under this Express Warranty, based on the details outlined is limited to the repair or replacement, (at its option), by an approved Masport Gas Service Agent (Retailer) of any part found to be defective in material or workmanship. The decision to repair or replace will be made by Masport or its agent and actioned by an approved Masport Specialist Heating Retailer. Masport can accept no obligation whatsoever for any incidental, consequential or special damages or expenses resulting from any product defect. This Express Warranty applies from the date of original purchase.

All new Masport Woodfires and Pot Belly Stoves are warranted for the following periods to be free from defects in material or workmanship under normal use and service.

Product	**Parts**	**Labour**
Pot Belly Stove	10 years	5 years
Woodfire Firebox	10 years	5 years
(Baffles, Firebricks, Air Tubes, Fans, Panels and other parts not specifically excluded).	1 year	1 year

Express Warranty excludes: There is no Masport Express Warranty on flues, flue accessories, or pot belly stove grates.

This Express Warranty Does Not Cover:
1. Defects, malfunctions or failures caused by incorrect installation, normal wear and tear, misuse, neglect, accidental damage or failure to follow the fuel selection, product operating and maintenance instructions, or resulting from installations, repairs or modifications to the equipment carried out by unauthorised persons.
2. Defects, malfunctions or failures caused by an act or omission of other persons after the product has left Masport's control.
3. The costs of collection and delivery of the equipment.

The Express Warranty is not intended to exclude any rights the purchaser may have under the laws of the place, state, or country of purchase. Nothing in this Express Warranty limits or restricts any other statutory right or remedy available to the purchaser.

How You Obtain Warranty Service:
Provide proof of the date of purchase. Should the need for a warranty claim arise reasonable proof of the purchase date is required therefore you should retain your sales receipt.

Make the faulty part(s) available for inspection by Masport and/or its agents so that the validity of the claim can be established by them.

Australia Distributor:

Masport Pty Limited
P.O. Box 533
Braeside, Victoria, 3195

New Zealand:

Masport Limited
P.O. Box 14-349
Panmure
Auckland 6

For your own records, please complete the following:

Model: _____ Serial Number: _____

Retailer: _____

_____

Purchase Date: _____